

## A NEW SPECIES OF NEOCLYTUS FROM WHITE FIR

(Coleoptera, Cerambycidae)

BY E. GORTON LINSLEY

*Oakland, California**Neoclytus nubilus* Linsley, new species

Elongate, dark brown, rather sparsely sprinkled with white pubescence. Head moderately finely punctured, somewhat granulate; antennæ slightly more than half as long as body (♂), about half as long as body (♀), not appreciably thickened apically. Prothorax without fasciæ, sparsely and irregularly clothed with white hairs; about as long as broad, base slightly wider than apex; transverse carinæ numerous, confined mainly to median area, apical carina nearly as long as two-thirds the width of the head; puncturation dense, moderately coarse. Scutellum black, naked. Elytra two and one-half times as long as broad; each elytron with three rather ill-defined fasciæ as follows: a broken fascia at basal third consisting of a short white line placed obliquely forward to the suture and a small round lateral spot, a V-shaped fascia a little anterior to apical third, and an irregular transverse line at apical sixth, the apices and area anterior to mid-fascia clouded with white pubescence; apices obliquely truncate. Body beneath and legs, irregularly clothed with white hairs. Length 15 mm., breadth 4 mm.

Type, female (No. 3699, Mus. Calif. Acad. Sci) and allotype, male (No. 3700, Mus. Calif. Acad. Sci.), collected at Bass Lake, Calif. on July 15, 1932, by Mr. R. L. Furniss, who very kindly submitted the specimens to me for study. Paratypes from the same series in the collection of Mr. Furniss, Mr. Geo. Hopping, and the writer. I am also indebted to Mr. J. M. Miller of the United States Department of Agriculture for the privilege of examining five additional specimens (also designated paratypes) from Long Barn, Calif. (Hopk.U.S. 19351g), G. R. Struble collector, in the collection of the United States Dept. of Agriculture at Berkeley. All specimens were reared from *Abies concolor*.

The female of this species was associated by Dr. Fall with the males of *Neoclytus modestus* in his original<sup>1</sup> description of the latter, and an example in the collection of Mr. Ralph Hopping from Kaweah, Calif., bearing a paratype label of *modestus* Fall, is clearly referable to *N. nubilus*. The resemblance between the males of *N. modestus* and the two sexes of *N. nubilus* is rather

<sup>1</sup> Fall, H. C. Journ. N. Y. Ent. Soc., XV, 1907, p. 81.

noticeable, but in the former species the sexes are very dissimilar, and the scutellum densely clothed with white or yellowish pubescence. *N. modestus* is usually found in the lower altitudes on *Quercus agrifolia* and related species of oak, whereas *N. nubilus* is a high altitude form found on *Abies concolor*. The species is much more closely related to *Neoclytus muricatus*, and in Mr. Geo. Hopping's recent revision,<sup>2</sup> runs near that species. It differs from the latter in size, coloration, type of pubescence and prothoracic sculpturing. That portion of Mr. Hopping's Key to *Neoclytus* (p.547) which treats related species, may be modified as follows for the insertion of *N. nubilus*:  
CC. Antennæ not appreciably thickened distally.

D. Scutellum naked.

E. Elytral fasciæ obscured by clouded white pubescence; basal fasciæ incomplete. 10-16 mm. California.....*nubilus* n. sp.

EE. Elytral fasciæ clearly defined, distinct; basal fasciæ semi-circular, extending across the base of the elytra.

F. Each elytron with a fascia extending forward from the outer end of the mid-fascia. 8-10 mm. Colorado, Alberta....*ascendens* Lec.

FF. Elytra without such fasciæ.

G. Mid-elytral fascia obtusely angled at suture. 7 - 11.5 mm. North America.  
.....*muricatus* Kby.

GG. Mid-elytral fascia straight. 9.5 - 10.5 mm. California.....*infans* Csy.

DD. Scutellum clothed.

E. Elytral fascia entire, arcuate; pronotum with interrupted mid-fascia and sometimes a marginal fascia. 9.5 - 10.5 mm. California.....  
.....*modestus* (♀) Fall

EE. Elytral fascia generally reduced to oblique sutural dashes; pronotum without fascia. 9 - 10.5 mm. California.....*modestus* (♂) Fall

<sup>2</sup>Hopping, Geo. R., Rev. Clytini Pt. I, Ann. Ent. Soc. Am. XXV, 1932, pp. 529-568.